

Attorney Docket No.: 2003B043A

Amendments to the Abstract:

Please substitute the following for the Abstract as follows:

Disclosed is a process for producing branched polymers including at least 50mol% $C_3 - C_{40}$ olefins. The process may include: (1) feeding a first catalyst, an activator, and one or more $C_2 - C_{40}$ olefins into a first reaction zone at a temperature of greater than 70°C and a residence time of 120 minutes or less to produce a product; (2) feeding the product, a second catalyst, and an activator into a second reaction zone at a temperature of greater than 70°C , and a residence time of 120 minutes or less. One of the catalysts should be chosen to produce a polymer having a weight average molecular weight of 100,000 or less and a crystallinity of 20% or less. The other catalyst should be chosen to producing a polymer having a weight average molecular weight of 100,000 or less and a crystallinity of 20% or more.